

GROUNDWATER PROTECTION PLAN FOR WV POULTRY PARTNERS II LLC – PILGRIMS SITE

Section A. GENERAL INFORMATION

1. Name and Address of Facility

- a. Facility Name: WV Poultry Partners II, LLC – Pilgrims Site
- b. Address: 3900 US Rt 220, Old Fields, WV 26845
- c. County: Hardy
- d. Latitude and longitude: 39.116543 N; -78.95558W
- e. Mailing Address of Facility: POB 122
Moorefield, WV 26847

2. Person Developing GPP

- a. Name: Charles K. Wilson, PE
- b. Address: POB 826, Petersburg, WV 26847
- c. Telephone Number: 304-257-4818
- d. Email Address: kirkwilsonlw@outlook.com

3. Person Responsible for Implementing GPP

- a. Robert R. Williams, Member
- b. Address: PO Box 122, Moorefield, WV 26836
- c. Telephone Number: 304-257-7940
- d. E-mail Address: rwilliams@hardynet.com

4. Brief Description of Facility Operation

Construction of access roads and pad for 15 poultry houses, litter sheds, house construction and incidental utility construction.

Section B. ACTIVITIES THAT HAVE THE POTENTIAL TO POLLUTE GROUNDWATER

- The activities that could potentially pollute ground water are: grading, refueling and daily maintenance of construction equipment, concrete foundation placement and stick frame construction of poultry houses.

Section C. PRACTICES SELECTED TO PROTECT GROUNDWATER FROM POLLUTION

- Grading – Super Silt Fence/18” Silt Soxx will be installed in accordance with the SWPPP and construction areas will be stabilized with seed and straw slope matting within 7 days of final grades being obtained. Two Sediment Basins and three Sediment Traps with diversion ditches shall be constructed to trap sediment (3600 CF/Ac) and then converted to Storm Water Management structures
- Drop pans shall be placed under equipment during refueling and daily maintenance (greasing) operations. No shop related repairs or maintenance will be performed on site. If a breakdown occurs, impervious containment structures and pans will be placed under the equipment to catch spills of POLs. Waste materials will be disposed of off site in accordance with WV law.
- There will be no on-site fuel tanks for construction equipment as they will be served by service trucks.
- Concrete will be delivered to the site for foundations. Trucks will not be washed out on site.
- Good housekeeping practices will be employed during the construction of the houses.

Section D. IMPLEMENTATION SCHEDULE

- The GPP must be implemented upon approval.

Having a GPP on file in an office somewhere does not keep a facility in compliance WV0115924. **The GPP must be retained and implemented at the site for which it was developed.**

- Procedures for protecting groundwater when designing and adding new equipment and operations. Adequate design of these operations should be considered in the GPP when making changes in areas of karst, wetlands, faults, subsidence, areas determined by the Bureau for Public Health to be delineated wellhead protection areas, or other areas determined by the Director to be vulnerable based upon geologic or hydrogeologic information.
- The permittee must revise the GPP within 30 calendar days to address any newly delineated areas or other vulnerable areas upon notification by the Director or the Bureau for Public Health.

Section E. EMPLOYEE TRAINING

- Employees will be trained on the safe and responsible execution of their construction activities which include:
 - Maintaining and Inspecting Super Silt Fence
 - Limiting disturbed area and stabilization timeframes
 - Proper fueling and daily maintenance techniques that prevent spills
 - Good housekeeping
 - Recognition of Unauthorized releases and appropriate spill response actions.
 - Spill Response actions and reporting
- Training shall be accomplished at the Preconstruction Conference and monthly thereafter until project completion.

Section F. INSPECTION SCHEDULE

Inspections are conducted to ensure that the practices selected to prevent groundwater pollution are being used and are properly functioning.

- GWPPP inspections shall be accomplished weekly and/or concurrently with SWPPP inspections.
- Use attached GWPPP Inspection Checklist for Inspections

Section G. WASTE MATERIAL

- Waste material will not be used for deicing, fill, or any other use, unless that use is allowed by regulation or permit.

Section H. SAFETY DATA SHEETS

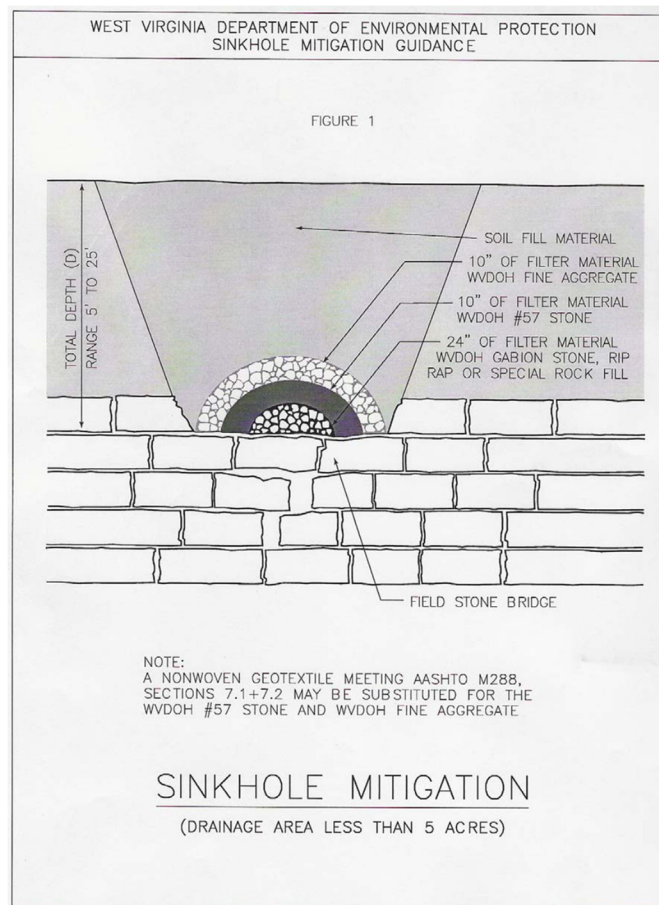
- Material Safety Data Sheets or Safety Data Sheets shall be provided for all chemicals, or substances, used or stored on site.

Section I. GROUNDWATER DATA

- None available

Section J. KARST MITIGATION PLAN

- There are no Karst formations or sink holes on or near the site based on WV Geologic Survey data for the area.
- Should Karst formations be encountered and a sink hole(s) be opened, then Sinkhole Mitigation shall be carried out according to the WVDEP Sinkhole Mitigation Guidance Document (August 2005, revised 2018), or other applicable standards as recommended by the G or PE and approved by the West Virginia Department of Environmental Protection (WVDEP).
- In general sinkhole mitigation will be accomplished per the following Repair Details depending on hole size and drainage area.



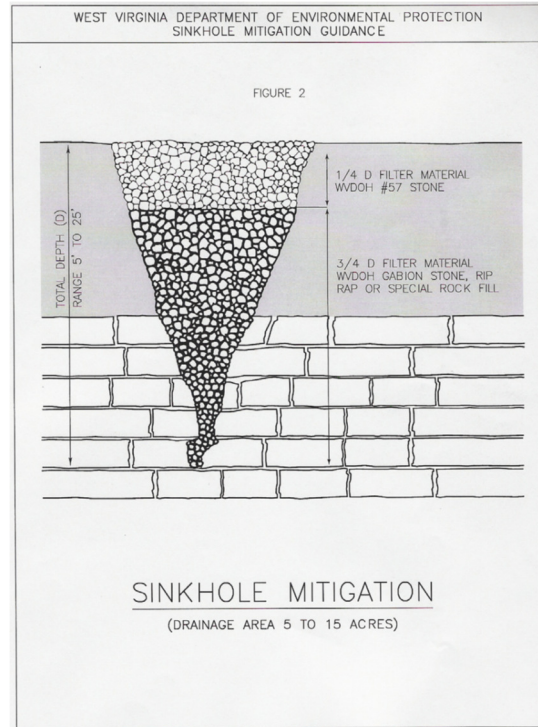
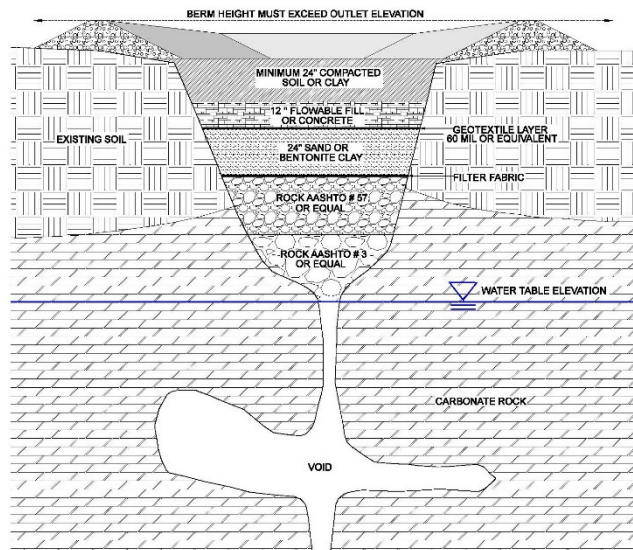


EXHIBIT 10.1
OPTION 2

CONSTRUCTION SITE TYPICAL KARST REPAIR DETAIL



- Reference the WVDEP Guidance Document for specific material specifications.
 - Engineering fabric - must meet the applicable requirements of AASHTO M-288.

- Aggregates – fine aggregates, gravel, or rock rip rap that conforms to the West Virginia Department of Highways, Standard Specifications for Roads and Bridges, Sections 702, 703, and 704.

Section K. CERTIFICATION STATEMENT

I, Robert R. Williams, Managing Member of WV Poultry Partners II, LLC, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Robert R. Williams: Robert R. Williams

Date: 4-29-20

WV Poultry Partners II LLC Project GWPPP Inspection Checklist			
Inspection Report - Date: _____			
Rainfall: _____"		Qualified Person Performing Inspection: _____	
Checklist		Complies Y/N	Comments/Actions taken
All fueling is done with appropriate drip pans			
All grease operations are done with drip pans			
Equipment is inspected and any leaks detected and addressed			
Trash, rags, etc. have been collected and disposed in appropriate containers			
Unauthorized discharges observed			
Other Items that potentially affect GW			
Overall Summary of Inspection:			
Signature of Qualified Person: _____			